

Bibliographic Information

Liquid crystal polyacrylates and polymethacrylates containing cyanodiphenyl groups showing orientation activity in an electric field. Kostromin, S. G.; Shibaev, V. P.; Plate, N. A. (Moscow State University, USSR). U.S.S.R. (1981), CODEN: URXXAF SU 887574 A1 19811207 Patent written in Russian. Application: SU 80-2894400 19800318. CAN 96:123713 AN 1982:123713 CAPLUS (Copyright 2002 ACS)

Patent Family Information

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
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Abstract

Liq. crystals having the formula $(CH_2CRR_1)_m$, where $R = H, Me$; $R_1 = C(:O)O(CH_2)_nZ-p-C_6H_4-p'-C_6H_4CN$ ($n = 2-11$; $Z = O, CH_2, CO_2$) have viscosities of 0.06-0.30 (THF at 30°) and orient easily in elec. fields.